

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-8. (Canceled)

9. (New) In a piezoelectric actuator including

a multilayered structure of piezoelectric layers with inner electrodes (2, 3) interspersed between them,

a contacting of the inner electrodes (2, 3) on alternating sides with outer electrodes (4) that can supply an electrical voltage,

the respective outer electrode (4) being attached in a net-like, mesh-like, or screen-like fashion and contacting the respective inner electrodes (2, 3) at least at points, the improvement wherein

the contacting of the inner electrodes (2, 3) is provided in the corner region of the piezoelectric actuator (1), and

the net-like, mesh-like, or screen-like outer electrode (4) being guided around the respective corner in a predetermined region, and contacting the respective inner electrodes (2, 3) at least in parts.

10. **(New)** The piezoelectric actuator according to claim 9, wherein
the net-like, mesh-like, or screen-like outer electrode (4) includes an extension (5)
extending outwardly beyond the multilayered structure of piezoelectric layers and can be
provided with a terminal (6) there.
11. **(New)** The piezoelectric actuator according to claim 10, wherein
the extension (5) and the terminal (6) are disposed in the region of the cross section of
the piezoelectric actuator (1).
12. **(New)** The piezoelectric actuator according to claim 9, wherein
the respective net-like, mesh-like, or screen-like outer electrode extends laterally from
the piezoelectric layers and is provided with a terminal there.
13. **(New)** The piezoelectric actuator according to claim 10, wherein,
in the region of the extension (5), the respective net-like, mesh-like, or screen-like
outer electrode (4) is rolled and is provided with a terminal (6).
14. **(New)** The piezoelectric actuator according to claim 11, wherein,
in the region of the extension (5), the respective net-like, mesh-like, or screen-like
outer electrode (4) is rolled and is provided with a terminal (6).
15. **(New)** The piezoelectric actuator according to claim 12, wherein,
in the region of the extension (5), the respective net-like, mesh-like, or screen-like
outer electrode (4) is rolled and is provided with a terminal (6).

16. **(New)** The piezoelectric actuator according to claim 9, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are made of Invar.
17. **(New)** The piezoelectric actuator according to claim 10, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are made of Invar.
18. **(New)** The piezoelectric actuator according to claim 11, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are made of Invar.
19. **(New)** The piezoelectric actuator according to claim 12, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are made of Invar.
20. **(New)** The piezoelectric actuator according to claim 13, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are made of Invar.
21. **(New)** The piezoelectric actuator according to claim 9, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).

22. **(New)** The piezoelectric actuator according to claim 10, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).
23. **(New)** The piezoelectric actuator according to claim 11, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).
24. **(New)** The piezoelectric actuator according to claim 12, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).
25. **(New)** The piezoelectric actuator according to claim 13, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).
26. **(New)** The piezoelectric actuator according to claim 16, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are soldered to the respective inner electrodes (2, 3).
27. **(New)** The piezoelectric actuator according to claim 9, wherein
the respective net-like, mesh-like, or screen-like outer electrode (4) and/or the
terminal (6) is/are welded to the respective inner electrodes (2, 3).